Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

AEE, YSTSD
SBR No: 159/20-21
Date: 20/10/2021

No 2nd & Part bill

YNK-DBR No. 203
Date 12-02-2021

(For Other Works)

Division Yelahanka
Bill Received No ..... Dated .....
Scheduled Docket No .....

Sub Division: Yelahanka Satellite Town

Cash Book Voucher No ..... dated .....

Name of Work: Asphalting to roads at Jyothinagara and Muniswamappa layout and surrounding areas in Ward No-03 Yelahanka Satellite Town Sub division

Job Code No: 003-20-000079 P-3749

Est. cost: 200.00 lakhs

Name of Contractor and Full Address : M/s KRIDL, Bangalore.

Work Order No: **BBMP/EE/YNK.D/W.O/182/2019-20** **Dated : 08/11/2019**

Certified that the measurements were taken by me on 8/2/2021 and recorded in pages 117951 to 117952½ of measurement Book No 1180/2018-19 and that the work is satisfactorily executed.

Contractor

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Officer-in-charge of work
8/2/2021

Certified that the measurements were taken by me on 08/02/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Total Amount 13390848=00
Previous payment 6343694=00

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being ..... percent Rs .....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No ..... Dated ..... S D No .....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No ..... date ..... less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied

Bg Amt	=Rs	7047154=00
PSD	=Rs	352358=00
COST	=Rs	62922=00
SCST	=Rs	62922=00
IT	=Rs	140944=00
LC	=Rs	70472=00
CSF	=Rs	7048=00
Royalty	=Rs	5420=00
T D	=Rs	752086=00
Net Amt	=Rs	6295068=00

Contractor's Signature

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Received Rs ..... (in words)
By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated .....

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore
Signature of Contractor

Paid by me by cheque No ..... Dated .....

Cash Rs ..... Dated .....

(For use in the Office)

Audited & Admitted for Rs. 7047154=00
Seventy lakh forty Seven thusand one hundred n fifty four
6295068=00 by Cheque
and Rs 752086=00 by adjesement

Accts Supdt
yelahanka Division
BBMP

Exe Engineer
yelahanka Division
BBMP

Initials of Officer Making Payment

Executive Engineer

ABSTRACT - R.A BILL No.02

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRRB 300-2. Earthwork excavation by manual means in Hard soil involving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification.	Cum	715.52	211.79	151540.00	706.88	149710.00	0.00	211.79	0.00	706.88	149710.00
2	KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per specifications.	Cum	126.60	4479.56	567112.00	126.59	567068.00	0.00	4479.56	0.00	126.59	567068.00
3	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.	Tonne	13.77	72326.98	995943.00	13.76	995219.00	0.00	72326.98	0.00	13.76	995219.00
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.	Cum	227.19	7070.23	1606284.00	227.09	1605577.00	0.00	7070.23	0.00	227.09	1605577.00
5	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting , including form work, cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete.	Sqm	592.02	2337.00	1383551.00	591.60	1382569.00	0.00	2337.00	0.00	591.60	1382569.00
6	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge.	Sqm	8.76	5418.00	47462.00	8.76	47462.00	0.00	5418.00	0.00	8.76	47462.00
7	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete.of size 450 x 200 x 400 mm	nos	1476.00	477.00	704052.00	1476.00	704052.00	0.00	477.00	0.00	1476.00	704052.00
8	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications	Sqm	199.85	84.80	16947.00	199.32	16902.00	0.00	84.80	0.00	199.32	16902.00

9	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete	cum	2733.03	57.03	155865.00	0.00	0.00	2732.05	57.03	155809.00	2732.05	155809.00
10	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications	Sqm	8065.50	6.36	51297.00	0.00	0.00	8054.62	6.36	51227.00	8054.62	51227.00
11	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing by mix in place method by rotavator at OMC,spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications.	Cum	1209.83	1855.00	2244235.00	0.00	0.00	1208.19	1855.00	2241198.00	1208.19	2241198.00
12	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	1814.74	2001.28	3631803.00	0.00	0.00	1812.29	2001.28	3626899.00	1812.29	3626899.00
13	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	sqm	8065.50	29.68	239384.00	0.00	0.00	0.00	29.68	0.00	0.00	0.00
14	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.	Sqm	8065.50	12.72	102593.00	0.00	0.00	0.00	12.72	0.00	0.00	0.00
15	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II	Cum	403.28	6858.20	2765775.00	0.00	0.00	0.00	6858.20	0.00	0.00	0.00

16	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015.using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics	Cum	241.97	8049.64	1947771.00	0.00	0.00	0.00	8049.64	0.00	0.00	0.00
17	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	sqm	333.75	454.74	151769.00	0.00	0.00	0.00	454.74	0.00	0.00	0.00
18	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's ecommendation and complete as directed by the engineer	nos	480.00	357.22	171466.00	0.00	0.00	0.00	357.22	0.00	0.00	0.00
	Total				16934814.00		5468702.00			6075133.00		11543692.00
	GST 12%				2032178.00		656244.00			729016.00		1385243.00
	4% KRIDL				677393.00		218748.00			243005.00		461748.00
	Grand Total				19644385.00		6343694.00			7047154.00		13390683.00

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

VSS CIVIL INFRA PVT. LTD. BANGALORE 560 078 Consultants

Assistant Engineer

6/2/2021.

Asst. Executive Engineer